

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1-2. (canceled)

3. (currently amended) ~~The article of claim 1~~ A disposable absorbent article comprising a nanofabricated attachment means comprising adhesive hairs disposed on a flexible substrate, wherein said hairs are effective to adhesively engage an opposing surface comprising a polymeric film or a fibrous web, wherein the attachment means has a packing density of at least 500 hairs per square millimeter, wherein said hairs do not consist of a spatula or protrusion positioned at a terminal end of the hairs, and wherein said hairs have an average diameter of about 50 microns or less and an average height-to-diameter ratio of about 3 or greater.

4. (currently amended) ~~The article claim 1~~ A disposable absorbent article comprising a nanofabricated attachment means comprising adhesive hairs disposed on a flexible substrate, wherein the attachment means has a packing density of at least 500 hairs per square millimeter, wherein said hairs do not consist of a spatula or protrusion positioned at a terminal end of the hairs, and wherein said hairs are effective to adhesively engage an opposing surface comprising a polymeric film or fibrous web with an average adhesive force of 10 nanoNewtons or greater per hair.

5. (currently amended) A disposable absorbent article comprising a gecko-like adhesive fastener including a flexible substrate, a plurality of adhesive hairs rising from said substrate, said adhesive hairs each having a base section, a midsection, a top section, a height of about 0.5 microns to about 8 millimeters, and a diameter of about 0.05 microns to about 50 microns, and wherein ~~[[the]]~~ said hairs do not consist of a spatula or protrusion positioned at a terminal end of the top section.

6. (canceled)
7. (original) The article of claim 5 wherein said hairs have a height of about 2 microns to about 1000 microns.
8. (original) The article of claim 5 wherein said hairs have a diameter of about 0.05 microns to about 10 microns.
9. (original) The article of claim 5 wherein said hairs are spaced apart by a first distance of about 1 micron to about 1000 microns.
10. (original) The article of claim 5 wherein said hairs are spaced apart by a second distance of about 1 micron to about 1000 microns.
11. (original) The article of claim 5 wherein the ratio of a first distance between said hairs to the diameter of said hairs is about 3 to about 100.
12. (original) The article of claim 5 wherein the ratio of a second distance between said hairs to the diameter of said hairs is about 3 to about 100.
13. (original) The article of claim 5 wherein the ratio of the height of said hairs to the diameter of said hairs is about 2 to about 1000.
14. (original) The article of claim 5 wherein at least one of said hairs is perpendicular to the plane of said substrate.

15. (original) The article of claim 5 wherein at least one of said hairs is oriented at an angle between 0° and 90° to the plane of said substrate.
16. (original) The article of claim 5 wherein at least one of said hairs is axisymmetric.
- 17-19. (canceled)
20. (original) The article of claim 5 wherein at least one of said hairs is hollow.
21. (original) The article of claim 5 wherein said at least one hair comprises hollow materials, microspheres, carbon nanotubes, zeolites, or combinations thereof.
22. (original) The article of claim 5 wherein said hairs comprise molecules with hollow chambers.
23. (original) The article of claim 22 wherein said molecules are cyclodextrins, crown ethers, polyhedral oligomeric silsesquioxanes, or combinations thereof.
24. (original) The article of claim 5 wherein said substrate is apertured.
25. (original) The article of claim 5 wherein said substrate is a liquid impervious web.
26. (original) The article of claim 5 wherein the thickness of said substrate comprises a repeating pattern of thickness variations.

27. (original) The article of claim 5 wherein said substrate is creped, embossed, apertured, coated, or combinations thereof.
28. (original) The article of claim 27 wherein said coating is on at least one side of said substrate.
29. (original) The article of claim 27 wherein said coating is hydrophobic.
30. (original) The article of claim 27 wherein said coating is hydrophilic.
31. (original) The article of claim 27 wherein said coating is a metal oxide.
32. (original) The article of claim 27 wherein said metal oxide is titanium dioxide treated with a UV absorbing material that is thermally treated.
33. (original) The article of claim 5 wherein said substrate comprises regions of elastic material.
34. (original) The article of claim 5 wherein said substrate is substantially elastic and homogeneous.
35. (previously presented) The article of claim 5 wherein said substrate contains discrete elastic regions separated by less elastic regions.
36. (previously presented) The article of claim 5 wherein said substrate contains discrete elastic regions separated by inelastic regions.

37. (original) The article of claim 5 wherein said fastener is stretchable.
38. (original) The article of claim 5 wherein said fastener comprises elastic regions.
39. (original) The article of claim 5 wherein an attachment surface of said fastener is elastic, inelastic, or combination thereof.
40. (original) The article of claim 5 wherein said fastener is adapted for fastening said article to itself.
41. (original) The article of claim 5 wherein said fastener is adapted for fastening said article to another object.
42. (original) The article of claim 5 wherein said fastener is adapted for joining two or more components of said article.
43. (original) The article of claim 5 wherein said fastener comprises part of a side seam of said article.
44. (original) The article of claim 5 wherein said fastener comprises a three-dimensional topography characterized by a series of peaks and valleys.
45. (previously presented) The article of claim 44 wherein said peaks and valleys alternate in a first direction.

46. (previously presented) The article of claim 44 wherein groups of hairs are selectively disposed on said peaks of said substrate, said valleys of said substrate, or combination thereof.
47. (original) The article of claim 5 wherein said hairs are protected from contamination with other materials until pressed into contact with an opposing surface.
48. (original) The article of claim 5 wherein said hairs are protected with a removable cover.
49. (original) The article of claim 5 wherein said fastener comprises substantially hair free regions between groups of hair.
50. (original) The article of claim 5 wherein said hairs are disposed substantially uniformly along the fastener.
51. (original) The article of claim 5 wherein said hairs are disposed substantially randomly along the fastener.
- 52-69. (canceled)